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Express Mail No. EU092835026US Attorney Docket No.: AM-5630.P1

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CADEMARK OFFICE

IN RE APPLICATION OF: Chentsau Ying et al.

§ GROUP ART UNIT: Unknown

SERIAL NO.: 09/991,166

EXAMINER: Unknown

FILED: November 16, 2001

FOR: METHOD OF REDUCING PARTICULATES

IN A PLASMA ETCH CHAMBER

Attorney Docket No.:

DURING A METAL ETCH PROCESS

§ AM-5630.P1

Date: February 4, 2002

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Hon. Commissioner for Patents Washington, DC 20231

Sir:

Applicants are submitting the subject Information Disclosure Statement under 37 CFR § 1.97(b)(1). This Information Disclosure Statement is being filed within three (3) months of the filing date of the subject application.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. EU092835026US in an envelope addressed to the: Commissioner for Patents, Box DD, Washington, DC 20231.

Date: February 4, 2002

Shirley L. Church, Reg. No. 31,858



Applicants do not believe that any fee is due in connection with the filing of this Information Disclosure Statement under 37 CFR § 1.97(b)(1). However, in the event that any additional fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-1512 of Shirley L. Church, Sunnyvale, California, in the amount of such fee.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,

Shirley L/Church

Registration No. 31,858 Attorney for Applicants

Correspondence Address:
Patent Counsel
Applied Materials, Inc.
P.O. Box 450-A
Santa Clara, California 95052

Express Mail No. EU092835026US Attorney Docket No.: AM-5630.P1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b)(1)

Hon. Commissioner for Patents Washington, DC 20231

Sir:

In accordance with 37 CFR § 1.97(b)(1), applicants hereby request consideration of this Information Disclosure Statement. This Information Disclosure Statement is being filed within three (3) months of the filing date of the subject application. Applicants are providing herewith a copy of each document cited on the attached Form PTO-1449.

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. EU092835026US in an envelope addressed to the: Commissioner for Patents, Box DD, Washington, DC 20231.

Date: February 4, 2002

Shirley L. Church, Reg. No. 31,858

The submission of this Information Disclosure Statement and Form PTO-1449 admission that the art cited is "prior art" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

If the Examiner has any questions, he is respectfully requested to contact the undersigned attorney at the telephone number set forth below.

Respectfully submitted,

Church Shirley L/Church

Registration No. 31,858 Attorney for Applicants

(408) 245-5109

Correspondence Address: Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, California 95052 FORM PTO-1449 (Equivalent)

U.S. Department of Commerce Patent and Trademark Office

U.S. Application Serial No. _____09/991,166_____

Atty. Docket No. AM-5630.P1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Chentsau Ying et al. Applicants

November 16, 2001 Filing Date

<u>Unknown</u> Group



U. S. PATENT DOCUMENTS							
Examiner <u>Initial</u>	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	5,811,356	09/22/98	Murugesh et al.	438	711		
	5,824,375	10/20/98	Gupta	427	569		
	6,020,035	02/01/00	Gupta et al.	427	534		
	6,103,055	08/15/00	Maher et al.	156	345		
	6,121,161	09/19/00	Rossman et al.	438	783		
	6,143,078	11/07/00	Ishikawa et al.	118	715		
			FOREIGN PATENT DO	CUMENTS			
Examiner Initial	Document Number	Publication <u>Date</u>	n <u>Name</u>	Class	Subclass	Translation If Appropriate	
	EP 0892083	01/20/99	Qiao et al.	C23C	16/44		

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date Considered

* Provided by the Applicant.

Examiner

** Cited in the specification by Applicant.

 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)
 J. Hughes et al., "Dry Etch Sequencing Induced Gate Oxide Degradation due to Metallic Contamination in 0.25 μm CMOS Manufacturing", International Electronic Devices Meeting, pp.337-340 (1998).
 K. K. Singh et al., "Residual CF _x Radicals From Periodic Dry Cleans of Ar ⁺ Sputter Etch Chember: Causes and Process Consequences", <i>Electrochemical Society Proceedings</i> , Vol. 31, pp.182-189 (1997).
 S. Tehrani et al., "Progress and Outlook for MRAM Technology", <i>IEEE Transactions on Magnetics</i> , Vol. 35, No. 5, pp.2814-2819. (Sept 1999).

Examiner

Date Considered

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

- * Provided by the Applicant.
- ** Cited in the specification by Applicant.